



JPL Case No.: C-16984  
CIT Case No.: 1917  
Attorney Docket No. JPL 87-008

PATENT

11/C  
B. Turner  
02/22/91

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Group Art Unit: 237  
Larry A. Bergman :

Entitled: OPTICALLY INTRA- :  
CONNECTED COMPUTER EMPLOYING : Examiner: K. Kriess  
DYNAMICALLY RECONFIGURABLE :  
HOLOGRAPHIC OPTICAL ELEMENT :

Serial No.: 07/103,192

Filing Date: October 1, 1987

AMENDMENT

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In response to the Office Action dated November 21, 1990,  
please amend the above-identified application as follows:

IN THE CLAIMS:

CM Claim 1. (Thrice Amended) In a computer including a  
memory for holding a sequence of instructions to be executed,  
logic for accessing the instructions in sequence, logic for  
determining for each instruction a function to be performed  
and an effective address thereof, and logic for executing each  
instruction, the improvement wherein:

C1 P1 (a) the logic for executing instructions comprises:  
P2 a plurality of individual elements on a  
common support substrate optimized to perform certain logical  
sequences employed in executing instructions; and

P1 (b) the computer comprises:  
P2 element selection logic means connected to  
the logic determining the function to be performed for each  
instruction for determining a class of each function and for  
causing the instruction to be executed by those of said